61 y/o male with joint pain and elevated CRP

Atul Kumar, MD MS
Charan K Singh, MD
Sagittal view of thorax
Axial view of chest at level aortic arch
Axial view of upper abdomen
Axial view of pelvis
Coronal view of abdomen
Giant Cell Arteritis
Diffuse circumferential wall thickening of the descending aorta

Sagittal view of thorax
Axial view of chest at level aortic arch

Diffuse circumferential wall thickening of the right brachiocephalic artery
Axial view of upper abdomen

Diffuse circumferential wall thickening of abdominal aorta
Axial view of pelvis

Diffuse circumferential wall thickening of the bilateral common iliac arteries
Coronal view of abdomen

Diffuse circumferential wall thickening of the left renal artery
Giant Cell Arteritis

- Large vessel arteritis
- Aka temporal arteritis
- More commonly occurs in patients > 50 y/o
- Involves large arteries
  - Aorta
  - Main aortic branches
  - Temporal artery
- Increased risk of aortic aneurysm and dissection
- Top DDx is Takayasu arteritis
  - Rare in patients > 50 y/o
References
